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Date: 11 February 2004

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PATENT

Attorney Docket No.: DB000575-012

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-captioned application, please find the following:

- Notice of Appeal (PTO/SB/31);
 - Fee Transmittal (PTO/SB/17); and
 - Check in the amount of \$330 as the requisite fee for filing a Notice of Appeal.

Also enclosed is a return postcard. Please date stamp the postcard and return it to the address thereon in order to acknowledge receipt of the above-mentioned correspondence.

The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888. A duplicate copy of this Transmittal letter is enclosed.

Respectfully submitted,



Edward L. Pencoske
Reg. No. 29,688
Thorp, Reed & Armstrong
One Oxford Centre, 14th Floor
Pittsburgh, PA 15219
(412) 394-7789

Dated: 11 February 2004

Attorney for Applicants

FEB 13 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 330)

Complete if Known

Application Number	09/885,217
Filing Date	11 February 2004
First Named Inventor	Keeth et al.
Examiner Name	Anh Quan Tra
Art Unit	2816
Attorney Docket No.	DB000575-012

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METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	20-0888
Deposit Account Name	Thorp Reed & Armstrong

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Fee (\$)	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	130	65	Utility filing fee	
1002	340	2002	170	50	25	Design filing fee	
1003	530	2003	265	130	130	Plant filing fee	
1004	770	2004	385	2,520	1,812	Reissue filing fee	
1005	160	2005	80	1,840*	1,804	Provisional filing fee	
SUBTOTAL (1)		(\$ 00)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X	=
			- 3** =	X	=

Large Entity	Fee Code (\$)	Fee (\$)	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20		
1201	86	2201	43	Independent claims in excess of 3		
1203	290	2203	145	Multiple dependent claim, if not paid		
1204	86	2204	43	** Reissue independent claims over original patent		
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)		(\$ 00)				

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

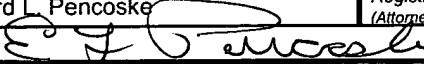
Large Entity	Fee Code (\$)	Fee (\$)	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath			
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
1053	130	1053	130	Non-English specification			
1812	2,520	1812	2,520	For filing a request for ex parte reexamination			
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
1251	110	2251	55	Extension for reply within first month			
1252	420	2252	210	Extension for reply within second month			
1253	950	2253	475	Extension for reply within third month			
1254	1,480	2254	740	Extension for reply within fourth month			
1255	2,010	2255	1,005	Extension for reply within fifth month			
1401	330	2401	165	Notice of Appeal			
1402	330	2402	165	Filing a brief in support of an appeal			
1403	290	2403	145	Request for oral hearing			
1451	1,510	1451	1,510	Petition to institute a public use proceeding			
1452	110	2452	55	Petition to revive - unavoidable			
1453	1,330	2453	665	Petition to revive - unintentional			
1501	1,330	2501	665	Utility issue fee (or reissue)			
1502	480	2502	240	Design issue fee			
1503	640	2503	320	Plant issue fee			
1460	130	1460	130	Petitions to the Commissioner			
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
1806	180	1806	180	Submission of Information Disclosure Stmt			
8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))			
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))			
1801	770	2801	385	Request for Continued Examination (RCE)			
1802	900	1802	900	Request for expedited examination of a design application			
Other fee (specify)							

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 330)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Edward L Pencoske	Registration No. (Attorney/Agent)	29,688	Telephone	412-394-7789
Signature				Date	11 February 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.